

Demographic Questions:

1. Can you give us some general information about your development background?
 - 1.1 What is your current position?
 - 1.2 What is your overall development experience? How many years?
 - 1.3 What is your overall IoT development experience? How many years?
2. What section of the IoT system you have experience working on?
// Hardware, middleware, cloud, end-application

Technical Questions:

3. Experiences with IoT bugs:
 - Step (A):
 - Do you want to open up a little bit with IoT bugs that are on top of your head and you've faced more frequently?
 - [Asking follow-up questions for each bug that the interviewee mentions]
 - Step (B):
 - [For categories that were not mentioned by the interviewee] Can you please share your experiences with bugs that are related to:
 - IoT devices (hardware side)
 - Communications, protocols, standards
 - Edge devices
 - Cloud services
4. Do you want to talk about any bug that you haven't discussed in previous questions and does not fall into our categories?
5. What bugs are more severe or harder to debug? why?
6. In general, what are the main challenges in IoT systems for developers in your opinion?
 - Testing and debugging challenges
 - Tools and developers support
 - Security challenges
7. What makes challenges and bugs in IoT systems different than other systems?